P.W.G. 17 — 1st and final Bill — Original/Duplicate/Triplicate — SBR no. 126/16-17 — 28/2/2017

NO

CONTRACT CERTIFICATE

Reference paras 158 & 170

Division Yelahanka AS

Bills received No — Date

Sub division Yelahanka New Town

Sub-divisional / Divisional

Cash book vr No — Date

YNK-DBR No 279 Date 28.02.17

Sheduled Docket No

Head of account 8-1878

Name of work(as per sanctioned estimate) :-

Work Code:004-16-000025

NAME OF WORK :Construction of concrete drains & concrete roads at LBS Nagara & Allalsandra in ward no 04.

Name of contractor and full address :- KRIDL Technical Manager (west)

Reference to agreement No :- 110 — Estimated cost :10.56 — Work order No :110, dt:7/1/2016

Certified that the measurments were taken by me on 28/02/17 and recorded on pages 464318 to 335 of measurment book No 4644 and the work is satisfactorily executed by the contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Ramareejgowda AE
Asst. Engineer

Certified that the measurements were taken by me on 28/2/17 and recorded correct The work is satisfactorily executed
Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub divisional Officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being----percent Rs----------%--------		
3)		
4) Deduct payments — Balance---	1st & Final	1040076
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of	PCD	67605:00
	IT	20802:00
b) Cost of payments/stores or other materials supplied now made recovery of	ICST	41604:00
Amount paid on this bill by cheque/cash	LC	10400:00
Total	CRF	1040:00
	LR	14337:00
5). Balance being unpaid value of work done held in reserve	T.D	155789:00
6) Deduct cash of advance made on divisional/sub divisional cash book	Net	884287:00
7) Net amount due to or from contractor.		
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Dated signature of contractor

paid by Rs cheque No dated

Cash Rs

Date — Initials of officer making payment

Reciept Stamp

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Audited & Admitted for Rs 1040076:00

884287:00

Date and Rs 155789:00 by Cheque by adjusement

Executive Engineer

Exe. Engineer

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	2	3	4	5	6	7	8	9	0
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift up to 1.5m, excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no 138, PWD SR 2016-17)	Cum			917.81 ~~918.00~~	83.16	76325 ~~76340.88~~	917.81 ~~918.00~~	76325 ~~76340.88~~
2	KSRB 2-2 2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard soil** not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **No. 5/ Item**	Cum			91.02 ~~92.25~~	288.36	26246 ~~26601.21~~	91.02 ~~92.25~~	26246 ~~26601.21~~
3	KSRB 4-1.1: Providing and laying in position plain cement concrete of nominal mix 1:3:6using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No. KBS 4.1, 4.2	cum			49.17	5064.12	249002.78	49.17	249002.78

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
4	KSRRB M600-6. Cement concrete pavement construction unreinforcedplain cement concrete pavement, thickness as per design over a prepared sub base with 43 grade cement or any other type as per clause 1051.2.2M20/M30at 380/450 kg per cum, coarse and five aggreagte confirming to IS:383, maximum zie of coarse aggregates not exeeceding 25 mm mixed in a concrete mixer of not less than 0.60 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side of 125 micron thick polythene film, wedges, steel plates incldiuing levelling the form work as per drawing) spreading the concrete with shovels, rackers compacted using needle, scared and plate vibrator and finished in a continous operation including provision of contraction expansion construction and longitutional joints, joint filter seperation members selant primer, joint	Cum			44.95 ~~45.00~~	5902.20	265303 ~~265599.00~~	44.95 ~~45.00~~	265303 ~~265599.00~~
5	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with super plastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2015-16,p.no13,sno4.11)	Cum			~~12.28~~	6198.12	76112.91	12.28	76112.91

	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
6	KSRB 4.9.2: Providing T.M.T st[illegible] reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe550(pwd sr2015-16,p.no17,s.no4.46)	tonn			11.34	6528.70	74035.46	11.34	74035.46
7	De writing with vaccum camp and suction mat and compaction with skin flater clubbed with floaitng disc inclduing coat of Generator HOM of machinary sereed vibratory power floaterable and disc etc.., with all lead and ltft Page No 171 item No 22.7 SR 2014-15	sqm			262 ~~300.00~~	97.20	25466 ~~29160.00~~	262 ~~300.00~~	25466 ~~29160.00~~
8	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (pwd sr2015-16, p.no15/4.31)	sqm			36.00	306.72	11041.92	36.00	11041.92

No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
9	Providing and constructing stand cost of size 1.20m x 1.22 m of public mountain with stone posts of size 0.45x1.22x0.10 m with top rounded with holes of 25mm size with stone pot rest of 0.45x0.30x0.20m with central dip and kerb stone 8 cms thick 20 cms wide alround with top rounded with cement concrete plat form 1:2:4 prpotion 10 cms thick and smooth finishing with cement mortor 1:3 to the exposed faces with necessary frame work and curing inclduing two line dressing to all stones exposed and construction of lead of drainss as per directions of departmental officers and necessaru earth work excavation and disposing off theexcavated earth as directed with all leads and lisft etc. complete.	each			8.00	2923.56	23388.48	8.00	23388.48
10	Providing and constructing platform in CC1:2:4 proportion using hard granite or basalt or trap jelly of 20mm down size for India Mark-III (VLOM) hand pump as per approved drawing enclosed to the SR according ti IS 13056:1991 (UNICEF standars) inclduing machine mixing, laying, tamping curing and smooth finishng to exposed faces C.M 1:3 with necessary moulds inclduing earthwork excavation with all leads for materials etc.., complete.	each			8.00	7953.12	63624.96	8.00	63624.96

.o	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement Qty	Previous Measurement Cost	Present Measurement Qty	Present Measurement Rate	Present Measurement Amount	Total Up to date Qty	Total Up to date Cost
11	Prr 'ding GI pipes confirming IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherevr necessary as, per complete incldluing all lead & ltft etcc complete A grade (Excluding cost of fittings) 650 mm dia GI pipe (SR 15-16) PWD page No XVII code No 509 0154) B class pipe 50mm dia	mtr			12.00	321.00	3852.00	12.00	3852.00
12	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/ sand/ kanker/ Moorum. KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no 130, PWD SR 2016-17)				1002.83 1010.25	68.04	68640 68737.41	1002.83 1010.25	68640.00 68737.41
		TOTAL				963034	967497.01	963034	967497.01
		8% KRIDL Charges				77042	77399.76	77042	77399.76
		Grand TOTAL				1040076	1044896.77	1040076	1044896.77

1054000/- 1054000/-

Certificate:-

Certified that the contractor has work done satisfactorily.
The contractor has removed the debries from work site.
There is no dept. materials issued to the contractor.

Ramarajeeswari AR
Assistant Engineer
ward 04, YST

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP, Bangalore-64.